

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**
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7590 08/26/2004

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Cheryl A. Purcell	(Depositor's name)
<i>Cheryl Purcell</i>	(Signature)
November 19, 2004	(Date)

11/26/2004 MMKONE1 00000151 500896 09988565

01 FC:1501	1370.00 DA
02 FC:8001	30.00 DA
03 FC:1504	300.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/988,565	11/20/2001	John H. Keller	V0077/7215WRM	8886
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TITLE OF INVENTION: EXTRACTION AND DECELERATION OF LOW ENERGY BEAM WITH LOW BEAM DIVERGENCE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	11/26/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
VO, TUYET THI	2821	250-42300R

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

2. For printing on the patent front page, list

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Varian Semiconductor Equipment Associates, Inc. 35 Dory Road, Gloucester, Massachusetts 01930

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies 10

A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 500896 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Mark SuperkoDate 11/18/04Typed or printed name Mark SuperkoRegistration No. 34,027

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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DOCKET NO: VSEA 14-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John H. Keller et al.
Serial No: 09/988,565
Confirmation No: 8886
Filed: November 20, 2001
For: EXTRACTION AND DECELERATION OF LOW ENERGY
BEAM WITH LOW BEAM DIVERGENCE
Examiner: Tuyet Thi Vo
Art Unit: 2821

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop ISSUE FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 19th day of November, 2004.



Cheryl Purcell

Mail Stop ISSUE FEE
Commissioner for Patents
Alexandria, VA 22313-1450

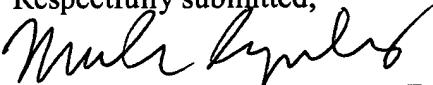
Sir:

Transmitted herewith are: Issue Fee Transmittal, Part B; and Return Receipt Postcard.

It is respectfully submitted that the present application is not entitled to small entity status. Accordingly the issue fee of \$1370.00 is to be charged to Deposit Account No. 50-0896.

If the enclosed papers are considered incomplete, it is respectfully requested that the undersigned attorney be contacted at 978-282-5915. All required fees may be charged to Deposit Account No. 50-0896. A duplicate of this sheet is enclosed.

Respectfully submitted,



Mark A. Superko

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35 Dory Rd.
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978-282-5915